

Vital Sign Monitor

VITAPIA5000

- Compact and potable with built-in battery
- 7 segment LEDs for systolic, diastolic, mean pressure, SpO₂ and pulse rate
- 2,4" color LCD for waveforms, bar graphic, trend and system menu
- High bright LEDs display of NIBP, SpO₂ and pulse rate
- High resolution color LCDs for trend tabular and SpO₂ Waveforms display
- Manual / auto / continuous measurement of NIBP
- Adjustable audible and visual alarms
- Up to 2000 groups NIBP data storage or SpO₂ up to 10 hours
- Suitable for adult, pediatric and neonatal patient

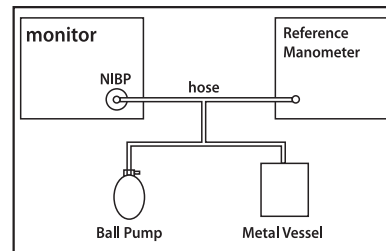


Vital Sign Monitor VITAPIA5000 (Type 5000V) Technical Specifications

NIBP	
Method	Oscillometry
Measurement range	10 ~ 270 mmHg
Operation	Auto / Manual / STAT
"Measurement Interval (Auto Mode)"	1, 2, 3, 4, 5 min / 10 ~ 255 min (5 min interval)
Cuff pressure accuracy	±3 mmHg
Resolution	1 mmHg
Measurement mean error	±5 mmHg
Maximum standard deviation	8 mmHg
Overpressure Protection	Adult (297 ±3 mmHg) / Pediatric (240 ±3 mmHg) / Neonatal (147 ±3 mmHg)
SpO ₂	
Measurement range	35 ~ 100 %
Resolution	1%
Accuracy	±2% (70 ~ 100%) / unspecified (0 ~ 69%)
Alarm range	0 ~ 100%
Pulse rate	
Measurement range	30 ~ 250 bpm
Resolution	1 bpm
Accuracy	±2 bpm / ±2% for large value
Alarm range	0 ~ 254 bpm
Display	
7 segment LED	
2.4" color LCD	
Audible Alarm	
Systolic / Diastolic / Mean / PR / SpO ₂	
Recall	
2000 NIBP measurement	
3000 SpO ₂ measurement	
Power	
AC	100 ~ 240 VAC
Frequency	50 / 60 Hz
Rechargeable battery	
7.4V 1100 mAh Lion polymer	
5 hour operation with full charged battery	
Operating environment	
Temperature	5 ~ 40°C
Relative Humidity	Less than 80%
Atmospheric Pressure	86 ~ 106 kPa
Transport and storage	
Temperature	-10 ~ 55°C
Relative Humidity	Less than 95%
Atmospheric Pressure	50 ~ 106 kPa
Safety	
Class I type CF	
Dimension	
Size	198 (L) X 232 (W) X 75 (H) mm
Weight	1.15 kg
Option Parts	
Thermal printer, ECG	

※ Contents and specification subjects change without notice

Diagram of NIBP calibration



SpO₂ SETUP Interface

SETUP	TABLE		
SP02 ALM HI	100	Resolution	5Min
SP02 ALM LO	90	SP02 UNIT:	%
PR ALM HI	160	PR UNIT:	bpm
PR ALM LO	75		
Pulse Sound	OFF		
OK:Modify;Up/Down:Select;L/R:Table.			
SYSTEM	NIBP	SP02	14:10

SpO₂ TABLE Interface

SETUP	TABLE		
No.	hh : mm	SP02	PR
1	9 : 24	96	84
2	9 : 25	96	86
UP/DOWN:Page Up/Down;L/R:USER set.			
SYSTEM	NIBP	SP02	04:52

NIBP Setup Interface

SETUP	TABLE		
SYS ALM HI	160	MAP ALM LO	60
SYS ALM LO	100	UNIT	mmHg
DIA ALM HI	90	RESET	Start
DIA ALM LO	50	INTERVAL	MANUAL
MAP ALM HI	110	PAT TYPE	ADU
OK:Modify;Up/Down:Select;L/R:Table.			
SYSTEM	NIBP	SP02	09:15

NIBP TABLE Interface

SETUP	TABLE			
No.	hh : mm	SYS	DIA	MEAN
13	19 : 58	107	73	83
14	19 : 58	108	74	86
15	6 : 28	168	108	125
16	6 : 28	163	107	123
17	6 : 30	164	104	123
UP/DOWN:Page Up/Down;L/R:USER set.				
SYSTEM	NIBP	SP02	04:53	



Satisfaction Superiority Specialization

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